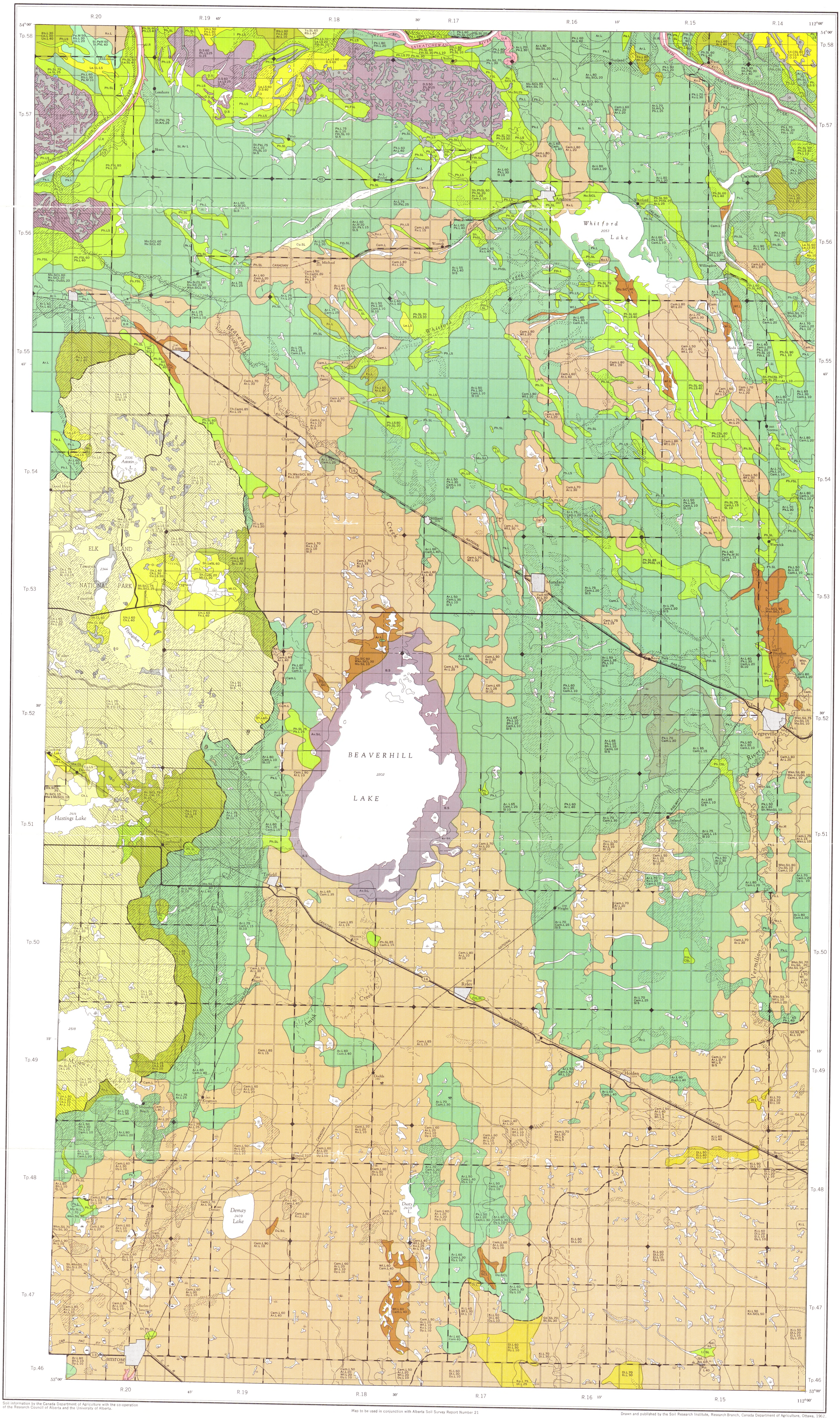
SOIL SURVEY OF THE EDMONTON SHEET

83 H EAST HALF

PROVINCE OF ALBERTA

Scale: 1 inch to 2 miles or 1: 126,720

Miles 2 1 0 2 4 6 8 10 Miles



LEGEND

CHERNOZEMIC SOILS

	Db. L	Didsbury Loam	Orthic Thick Black developed on glacial till.
	Bh. L	Beaverhills Loam	Orthic Black developed on glacial till.
	Pe. L	Penhold Loam	Orthic Black developed on calcareous alluvial lacustrine material.
	Nv. SiL Nv. SiCL	Navarre Silt Loam Navarre Silty Clay Loam	Orthic Black developed on slightly saline lacustrine material.
▨	Ph. FSL Ph. SL Ph. CSL Ph. LFS Ph. LS Ph. CLS	Peace Hills Fine Sandy Loam Peace Hills Sandy Loam Peace Hills Coarse Sandy Loam Peace Hills Loamy Fine Sand Peace Hills Loamy Sand Peace Hills Coarse Loamy Sand	Orthic Black developed on alluvial aeolian material.
	Fth. L Fth. SL Fth. CSL	Ferintosh Loam Ferintosh Sandy Loam Ferintosh Coarse Sandy Loam	Orthic Black developed on outwash material.
	El. L	Elnora Loam	Orthic Thin Black developed on glacial till.
	I. CSL	Irma Coarse Sandy Loam	Orthic Thin Black developed on alluvial aeolian material.
▨	Pe. M	Penhold Meadow	Gleyed Black developed on calcareous alluvial lacustrine material.
	Ph. M	Peace Hills Meadow	Gleyed Black developed on alluvial aeolian material.
▨	Ar. L	Angus Ridge Loam	Eluviated Black developed on glacial till.
	Mo. SiL Mo. SiCL	Malmo Silt Loam Malmo Silty Clay Loam	Eluviated Black developed on lacustrine material.
	Pk. LL Pk. L Pk. SiL	Ponoka Light Loam Ponoka Loam Ponoka Silt Loam	Eluviated Black to Orthic Black developed on alluvial lacustrine material.
▨	Ar. M	Angus Ridge Meadow	Gleyed Eluviated Black developed on glacial till.
	Pk. M	Ponoka Meadow	Gleyed Eluviated Black developed on alluvial lacustrine material.
▨	Fn. L	Falun Loam	Orthic Dark Grey developed on glacial till.
	Wb. L Wb. LL Wb. FSL Wb. SL	Winterburn Loam Winterburn Light Loam Winterburn Fine Sandy Loam Winterburn Sandy Loam	Orthic Dark Grey developed on pitted deltaic material.
	Rb. L	Rimbey Loam	Orthic Dark Grey developed on alluvial lacustrine material.
	Mc. SiL Mc. SiCL	Mico Silt Loam Mico Silty Clay Loam	Orthic Dark Grey developed on lacustrine material.

SOLONETZIC SOILS

▨	Wf. L	Whitford Loam	Black Alkali Solonetz developed on glacial till.
	Du. SiL Du. SiCL Du. SiC	Duagh Silt Loam Duagh Silty Clay Loam Duagh Silty Clay	Black Solonetz developed on lacustrine material.
▨	Cam. L	Camrose Loam	Black Solodized Solonetz developed on glacial till.
	Wkn. SiL Wkn. SiCL Wkn. SiC	Wetaskiwin Silt Loam Wetaskiwin Silty Clay Loam Wetaskiwin Silty Clay	Black Solodized Solonetz developed on lacustrine material.
	Am. L	Armena Loam	Black Solodized Solonetz developed on alluvial lacustrine material.
	Kv. L	Kavanagh Loam	Black and Dark Grey Solodized Solonetz and Solonetz developed on residual material.
	Ki. L	Killam Loam	Thin Black Solodized Solonetz developed on glacial till.
	Kn. SiCL	Kopernick Silty Clay Loam	Thin Black Solodized Solonetz developed on glacial till.
	Gd. SiL	Gadsby Silt Loam	Thin Black Solodized Solonetz developed on lacustrine material.
▨	Tb. L	Thorsby Loam	Dark Grey Solodized Solonetz developed on glacial till.
▨	Dn. L	Dnister Loam	Grey Wooded Solodized Solonetz developed on glacial till.
	Mk. CL Mk. SiCL	Ministik Clay Loam Ministik Silty Clay Loam	Grey Wooded Solodized Solonetz developed on lacustrine material.
	Kw. L	Kawood Loam	Grey Wooded Solodized Solonetz developed on residual material.
▨	Dl. L	Daysland Loam	Thin Black Solod developed on glacial till.
	Bt. SiL	Botha Silt Loam	Thin Black Solod developed on lacustrine material.
	Kp. L	Kapona Loam	Thin Black Solod developed on alluvial lacustrine material.

PODZOLIC SOILS

▨	Ck. L	Cooking Lake Loam	Orthic Grey Wooded developed on glacial till of Edmonton formation origin.
	Bn. L	Breton Loam	Orthic Grey Wooded developed on glacial till of Paskapoo formation origin.
	Mw. CL Mw. SiCL	Maywood Clay Loam Maywood Silty Clay Loam	Orthic Grey Wooded developed on lacustrine material.
	To. L To. SL	Tolman Loam Tolman Sandy Loam	Orthic Grey Wooded developed on alluvial lacustrine material.
	Gy. L	Glory Loam	Orthic Grey Wooded developed on pitted deltaic material.
	Md. L	Modeste Loam	Orthic Grey Wooded developed on residual material.
	Cu. SL Cu. LS	Culp Sandy Loam Culp Loamy Sand	Orthic Grey Wooded developed on alluvial aeolian material.
▨	Un. L	Uncas Loam	Dark Grey Wooded developed on glacial till.
	Ml. CL	Macola Clay Loam	Dark Grey Wooded developed on lacustrine material.
	Cv. L Cv. SL	Carvel Loam Carvel Sandy Loam	Dark Grey Wooded developed on pitted deltaic material.
	Le. SL Le. FSL Le. LS	Leith Sandy Loam Leith Fine Sandy Loam Leith Loamy Sand	Dark Grey Wooded developed on alluvial aeolian material.
	Hl. SL	Holburn Sandy Loam	Dark Grey Wooded developed on calcareous alluvial aeolian material.
▨	Ed. CSL	Edwand Coarse Sandy Loam	Minimal Podzol developed on outwash material.

REGOSOLIC SOILS

▨	Bi. C	Bittern Clay	Orthic Regosol on lacustrine material recently exposed by receding lake water.
	Av.	Alluvium	Orthic Regosol on recently deposited river material.
	D. S	Dune Sand	Orthic Regosol on aeolian material.
	B. S	Beach Sand	Orthic Regosol on coarse material recently exposed by receding lake water.

GLEYSOLIC SOILS

▨	Cn. L	Codner Loam	Peaty Meadow developed on alluvial lacustrine material.
	Pr. SiL Pr. SiCL	Prestville Silt Loam Prestville Silty Clay Loam	Peaty Meadow developed on lacustrine material.
	Nv. M	Navarre Meadow	Saline Meadow developed on lacustrine material.
	P. G		Undifferentiated Peaty Gleysols developed on variable parent material.
	Dy. L	Demay Loam	Low Humic Eluviated Gleysol developed on glacial till.

ORGANIC SOILS

▨	O.	Organic Soils	Sedge and Moss Peats

SOIL COMPLEXES

▨	L. C	A complex mixture of soils on lacustrine material.
▨	U. R	Unclassified soils on rough broken land adjacent to stream courses.

OTHER SOIL SYMBOLS

B.R. — **Bedrock** — usually consolidated.
Sl. — **Slough** — used where individual marshes were too small to show on the map.
St. — Stony.
Th. — Thin Solum.
Sh. — Shallow Phase.
Gv. — Gravel.

TOPOGRAPHY

☐	Land undulating, depressional.	▨	Rolling.
▨	Gently rolling.	▨	Hilly.

REFERENCE

Soil boundary
Topography boundary
Soil zone boundary
Paved highway 45
Secondary road 15
Other road
Trail
Railway
Township and range line
Settlement boundary
Section line
Indian Reserve boundary
Intermittent stream
Town, village
Airport or airfield boundary
Mine
Elevation 2064
Marsh

KEY MAP

Soil information by the Canada Department of Agriculture with the co-operation of the Research Council of Alberta and the University of Alberta.

Map to be used in conjunction with Alberta Soil Survey Report Number 21

Drawn and published by the Soil Research Institute, Research Branch, Canada Department of Agriculture, Ottawa, 1962.